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*North America's Leader in Hazardous Material Information Management*  
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## MSDS PRODUCT INFORMATION

Date: 10/07/2005  
To: MSDS Requester  
From: 3E Company  
Subject: The MSDS you have requested

☐ MSDS NOT REQUIRED

In response to your request for a Material Safety Data Sheet, according to the OSHA Hazard Communication Standard (Right-to-Know), the following item is an article. Articles are defined in 29 CFR 1910.1200(c). Products such as Drugs, cosmetics, food, or alcoholic beverages, wood or wood products, and tobacco or tobacco products, as defined in 29 CFR 1910.1200(b)(6), are exempt from the Hazard Communication Standard. Items that are considered articles, as defined in 29 CFR 1910.1200(c), are also exempt from this Standard. Therefore, the manufacturer is not required to provide an MSDS for this product.

☐ MSDS DISCONTINUED PRODUCT

In response to your request for a Material Safety Data Sheet, the manufacturer has discontinued the product listed below. The MSDS Attached is the most current version, or an MSDS is no longer available.

☒ MSDS BEST COPY AVAILABLE

The MSDS attached is the best copy available from the manufacturer.

☐ MANUFACTURER NO LONGER IN BUSINESS

In response to your request for a Material Safety Data Sheet, a current MSDS could not be obtained for this product. It has been determined that the manufacturer listed below is no longer in business. A current address and phone number could not be located.

Manufacturer: Texas Industries, Inc.  
Product Name: Dri Concrete Mix



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# MATERIAL SAFETY DATA SHEET

## SECTION 1 - IDENTITY

Name TXI OPERATIONS, LP	Address 1341 MOCKINGBIRD LANE, DALLAS, TEXAS 75247
Emergency Telephone Number (972) 647-6700	Date NOVEMBER 1998
Common Name (used on label) DRY CONCRETE MIX	Chemical Family DOES NOT APPLY
Chemical Name DOES NOT APPLY	Formula MIXTURE OF PORTLAND CEMENT, SAND, AND/OR ROCK
Trade Name & Synonyms SAKRETE® CONCRETE MIXES, TXI® EZY MIX, SAKRETE® MORTAR MIX SAKRETE® SAND MIX, EZY-RIP-RAP, EZY RAP, PAYLESS CASHWAYS, PURBOWS, CEMIX, CEMIX GROUT MIX	

## SECTION 2 - HAZARDOUS INGREDIENTS

Hazardous Component	CAS #	% Typical	TLV (Units)	PEL (Units)
SAND AND ROCK (QUARTZ)	14808-60-7	*	0.1 mg/m <sup>3</sup> **	0.1 mg/m <sup>3</sup> **
PORTLAND CEMENT	65997-15-1	*	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup> (total dust) 5 mg/m <sup>3</sup> **

\*Varies depending on product

\*\*Respirable fraction

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration (OSHA).  
TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists (ACGIH).

## SECTION 3 - PHYSICAL DATA

Boiling Point DOES NOT APPLY	Specific Gravity (H <sub>2</sub> O = 1) 2.6 - 2.7	Vapor Pressure (mm = Hg) DOES NOT APPLY
Percent Volatile by Volume 0%	Vapor Density (Air = 1) DOES NOT APPLY	Evaporation Rate (n-Butyl Acetate) DOES NOT APPLY
Percent Soluble in Water SLIGHT (0.1 - 1.0%)	Reactivity in Water WILL NOT EVOLVE FLAMMABLE OR TOXIC GASES	
Appearance and Odor FINE, GRAY POWDER MIXED WITH SAND AND/OR ROCK, NO ODOR		

### Hazardous Material Information System Identifier (HMIS)

HEALTH = 2 FLAMMABILITY = 0 REACTIVITY = 1 PERSONAL PROTECTION = X

## SECTION 4 - FIRE AND EXPLOSION DATA

Flash Point WILL NOT IGNITE	Flammable Limits in Air (% by Volume) Lower: DOES NOT APPLY Upper: DOES NOT APPLY
Extinguishing Media DOES NOT APPLY	Auto Ignition Temperature DOES NOT APPLY
Unusual Fire and Explosion Hazards NONE	
Special Fire Fighting Procedures NONE	

## SECTION 5 - HEALTH INFORMATION

**Signs and Symptoms of Exposure - (1) Acute Overexposure**  
IRRITATION OF SKIN, EYES, OR NASAL PASSAGES. WHEN WET, CONTACT WITH THE SKIN OR EYES MAY RESULT IN IRRITATION AND/OR ALKALI BURNS.

**Signs and Symptoms of Exposure - (2) Chronic Overexposure**  
CEMENT DUST CAN CAUSE INFLAMMATION OF THE LINING TISSUE OF THE INTERIOR OF THE NOSE AND INFLAMMATION OF THE CORNEA. HYPERSENSITIVE INDIVIDUALS MAY DEVELOP ALLERGIC DERMATITIS. EXCESSIVE EXPOSURE BY INHALATION OVER AN EXTENDED PERIOD OF TIME MAY RESULT IN THE DEVELOPMENT OF PULMONARY DISEASES INCLUDING PNEUMOCONIOSIS AND SILICOSIS. OVER TIME, EXPOSURE COULD EVENTUALLY LEAD TO LUNG CANCER.

**Medical Conditions Generally Aggravated by Exposure**  
RESPIRATORY DISORDERS OR DISEASES, DERMATITIS, OR OTHER SKIN DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

**Chemical/Component Listed as Carcinogen**  
QUARTZ

NTP	IARC	OSHA
YES	YES	NO

**Other Exposure Limits**  
NONE

**Emergency & First Aide Procedures for Indicated Routes of Entry**  
**INHALATION:** REMOVE FROM EXPOSURE. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CONSULT A PHYSICIAN.  
**EYE CONTACT:** IMMEDIATELY FLUSH EYES WITH LARGE QUANTITIES OF WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN.  
**SKIN CONTACT:** IMMEDIATELY WASH SKIN THOROUGHLY WITH SOAP AND WATER.

## SECTION 6 - REACTIVITY DATA

**Stability**  
STABLE

**Conditions to Avoid**  
DOES NOT APPLY

**Incompatibility (Materials to Avoid)**  
MATERIAL IS HIGHLY ALKALINE. CONTACT WITH ACIDS WILL PRODUCE A VIOLENT, EXOTHERMIC REACTION AND MAY EVOLVE TOXIC GASES OR VAPORS, DEPENDING UPON THE ACID INVOLVED.

**Hazardous Decomposition or Combustion Products**  
DOES NOT APPLY

**Hazardous Polymerization**  
WILL NOT OCCUR

**Conditions to Avoid**  
DOES NOT APPLY

## SECTION 7 - SPILL OR LEAK PROCEDURES

**Steps to be Taken in Case Material is Leaked or Spilled**  
CLEAN-UP OF SPILLS MAY REQUIRE PERSONAL PROTECTIVE EQUIPMENT TO PREVENT DUST EXPOSURES AND PROTECT AGAINST ALKALI BURNS OR IRRITATION. SEE SECTION 8.

**Waste Disposal Method**  
IF THIS MATERIAL, AS PACKAGED, BECOMES A WASTE, IT DOES NOT MEET THE CRITERIA FOR A HAZARDOUS WASTE AS DEFINED BY THE ENVIRONMENTAL PROTECTION AGENCY UNDER THE AUTHORITY OF THE RESOURCE CONSERVATION AND RECOVERY ACT (40CFR 261). DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

## SECTION 8 - PERSONAL PROTECTION INFORMATION

**Respiratory Protection**  
NIOSH/MSHA APPROVED FOR PROTECTION AGAINST CRYSTALLINE SILICA AND NUISANCE DUSTS.

**Ventilation**  
GENERAL OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV/PEL.

**Protective Gloves**  
RUBBER, PVC, NEOPRENE OR OTHER IMPERVIOUS MATERIAL.

**Eye Protection**  
GOGGLES

**Other Protective Clothing or Equipment**  
RUBBER HIGH TOP BOOTS, BARRIER CREAMS, ARM SLEEVES AND APRONS MAY BE USED, WHEN NECESSARY, TO PREVENT SKIN CONTACT.

## SECTION 9 - SPECIAL PRECAUTIONS

**Precautions to be Taken in Handling & Storing**  
SHOULD BE STORED IN A MANNER TO PREVENT CONTACT WITH STRONG ACIDS. CONTACT WITH WATER SHOULD BE AVOIDED TO PRESERVE PRODUCT.

**Other Precautions**  
NONE

TX0006

THE INFORMATION CONTAINED WITHIN WAS OBTAINED FROM AUTHORITATIVE SOURCES AND IS BELIEVED TO BE ACCURATE FOR THE MANNER IN WHICH THE PRODUCT IS INTENDED TO BE USED. OTHER USES COULD RESULT IN RAMIFICATIONS WHICH ARE NOT INCLUDED WITHIN THIS DOCUMENT.